

10/560998

<p align="center"><b>NATIONAL PHASE UTILITY APPLICATION</b></p> <p align="center"><b>Transmittal to the (DO/EO/US) Under 35 USC 371</b></p>	<p>Attorney Docket No.: PRONOV.001BNP  First Named Inventor: Richard B. Williams  Int'l Application No.: PCT/US2004/041380  Int'l Filing Date: December 10, 2004  Priority Date Claimed: December 12, 2003  Title: SYSTEM AND METHODS FOR NUCLEIC ACID AND  POLYPEPTIDE SELECTION  Express Mail Label No.: EV 718228702 US</p>
<p><b>Direct all correspondence to Customer No.: 20995</b> <span style="float: right;">Date: December 16, 2005 Page 1 of 3</span></p>	

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The following enclosures are transmitted herewith to be filed in the patent application of:

Inventor:

1. Richard B. Williams

**APPLICATION ELEMENTS:**

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) This is an Express Request to begin national examination procedures (35 U.S.C. § 371(f)).
- (X) A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) is not required, as the application was filed in the U.S. Receiving Office.
- (X) International Application as published (WO2005/072087) is submitted herewith for the Examiner's convenience.
- (X) International Search Report and the Written Opinion from the U.S. International Searching Authority stating that the criteria defined in PCT Article 33(1) to (4) have been satisfied for all of the claims. Note that **Examiner Nancy T. Vogel** was the Authorized Officer of the ISR and WO.
- (X) Preliminary Amendment in 3 pages.
- (X) An Oath or Declaration signed by the inventor (35 U.S.C. § 371(c)(4)).

**CONTINUITY INFORMATION:**

Application	Relationship	Parent App. No.	Filing Date	Status
This Application	is the U.S. National Phase of International Application	PCT/US2004/041380	12/10/04	Pending
PCT/US2004/041380	claims priority to U.S. Provisional Application	60/625,707	11/05/04	Expired
PCT/US2004/041380	also claims priority to U.S. Provisional Application	60/529,331	12/12/03	Expired
This Application	is a continuation-in-part of U.S. Patent Application	10/847,087	05/17/04	Pending
This Application	is also a continuation-in-part of U.S. Patent Application	10/847,484	05/17/04	Pending
10/847,087	is a continuation-in-part of U.S. Patent Application	09/859,809	05/17/01	Issued
10/847,484	is a continuation-in-part of U.S. Patent Application	09/859,809	05/17/01	Issued
09/859,809	claims priority to U.S. Provisional Application	60/206,016	05/19/00	Expired

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Date: December 16, 2005 Page 2 of 3	

**OTHER APPLICATION PARTS:**

- (X) The paper copy and the CRF of the Sequence Listing were filed in the international phase at the US Receiving Office, and therefore are not being submitted herewith. Pursuant to 37 C.F.R. 1.821(e), the CRF of the present application is identical with the CRF of the International Application PCT/US2004/041380 filed at the U.S. Receiving Office. Applicant hereby requests the use of the CRF sequence listing that is already on file for the International Application PCT/US2004/041380.
- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:
- (X) Listing 31 references.
- (X) Enclosing 13 references.
- (X) Return prepaid postcard.

**FILING FEES:**

The present application qualifies for Small Entity Status under 37 C.F.R. §1.27.

- (X) The USPTO searches the ISA. In accordance with 37 C.F.R. §1.492(b)(1), the Written Opinion on the International Application prepared by the U.S. International Searching Authority states that the criteria of novelty, inventive step (non-obviousness), and industrial applicability, as defined in PCT Article 33(1) to (4) have been satisfied for all of the claims presented in the application. **Thus, the Search Fee and the Examination Fee are not required.**

FEE CALCULATION				
FEE TYPE & DETERMINATION		SMALL FEE	CALCULATION	TOTAL
Basic Filing Fee under 1.492(a)		2631 (\$150)		\$150
Search Fee under 1.492(b) (enter one in TOTAL column)				
(1) USPTO was ISA and claims are novel		2640 (\$0)		\$0
(2) USPTO was the ISA		2641 (\$50)		
(3) Foreign Search Report Enclosed		2642 (\$200)		
(4) No Search Report Enclosed		2632 (\$250)		
Examination Fee under 1.492(c) (enter one in TOTAL column)				
(1) USPTO was IPEA & claims satisfy Art. 33 (1)-(4)		2643 (\$0)		\$0
(2) Non US IPEA / Noncompliant Claims		2633 (\$100)		
Excess Claims	38 - 20 = 18	2615 (\$25)	18 x 25 =	\$450
Excess Ind. Claims	19 - 3 = 16	2614 (\$100)	16 x 100 =	\$1,600
Application Size Fee	161 - 100 = 61	2681 (\$125)	2 x 125 =	\$250
			<b>TOTAL FEE DUE</b>	<b>\$2,450</b>

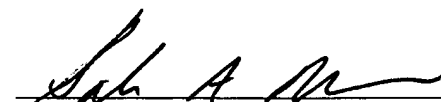
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16 DEC 2005  
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(X) A check in the amount of \$2,450 to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.

  
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**IAP9 Rec'd PCT/PTO 16 DEC 2009**MAIL STOP PCT  
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P.O. Box 1450  
Alexandria, VA 22313-1450**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

**Attorney Docket No.** : PRONOV.001BNP

**Applicant** : Richard B. Williams

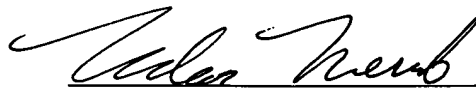
**For** : SYSTEM AND METHODS FOR NUCLEIC  
ACID AND POLYPEPTIDE SELECTION

**Attorney** : Salima A. Merani, J.D., Ph.D.

**"Express Mail" Label No.** : EV 718228702 US

**Date of Deposit** : December 16, 2005

I hereby certify that the accompanying

Transmittal letter; International Application as Published (WO2005/072087);  
Preliminary Amendment in 3 pages; Declaration by Inventor in 2 pages;  
Information Disclosure Statement, PTO Form PTO/SB/08 Equivalent with 31  
references listed, 13 references enclosed; Check for Filing Fee; Return Prepaid  
Postcardare being deposited with the United States Postal Service "Express Mail Post Office to  
Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Nelson Merida

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